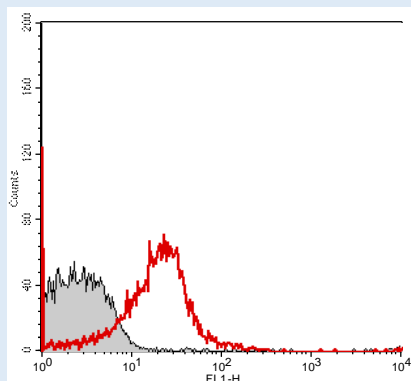


9B7: Anti-Human CD41 (α IIB integrin, GPIIb), (Monoclonal antibody), (Mouse IgG1)

BACKGROUND

Antigen CD41 or α IIB integrin is an integrin family protein that is usually paired with β 3 integrin, which performs both outside-in and inside-out signalling contributing to cell adhesion. α IIB β 3 integrin (also known as glycoprotein (GP) IIb/IIIa) is the most abundant receptor on the platelet surface and is required for platelet aggregation. The α IIB integrin is also expressed on hematopoietic stem cells and is important for hematopoietic cell proliferation and development. This monoclonal antibody is generated in hybridoma cells isolated from wild-type mouse immunized with human α IIB transgenic mice platelets.

DATA EXAMPLE



9B7 binds to human platelets. Human platelets were incubated with PBS buffer (negative control, grey color) or monoclonal antibody 9B7 (2.5 μ g/ml, red color) for 1 hour, stained with FITC-labeled goat anti-mouse IgG for 45min, then analyzed by flow cytometry.

- ❖ **PRODUCT TYPE:** Primary Antibodies
- ❖ **PRODUCT CODE:** 9B7
- ❖ **APPLICATIONS**
Immunofluorescence, Immunohistochemistry, Flow cytometry
- ❖ **RECOMMEND DILUTION**
1:200 for flow cytometry
- ❖ **SPECIES REACTIVITY:** Human
- ❖ **HOST:** Mouse
- ❖ **ISOTYPE:** IgG1
- ❖ **CATEGORIES:** Monoclonal
- ❖ **SPECIFICITY:** CD41 / α IIB / GPIIb
- ❖ **IMMUNOGEN**
Human α IIB transgenic mice platelets to immunize wild-type mice
- ❖ **FORMULATION:** PBS buffer (PH 7.3)
- ❖ **CONCENTRATION:** 1.0 mg/mL
- ❖ **PURIFICATION**
Purified from serum free cell culture supernatant by affinity chromatography (protein G column)
- ❖ **STORAGE**
Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.
- ❖ **RESEARCH USE**
For research use only. Not for use in diagnostic procedures.
- ❖ **PROTOCOLS**
See our website for detailed protocols and support products.